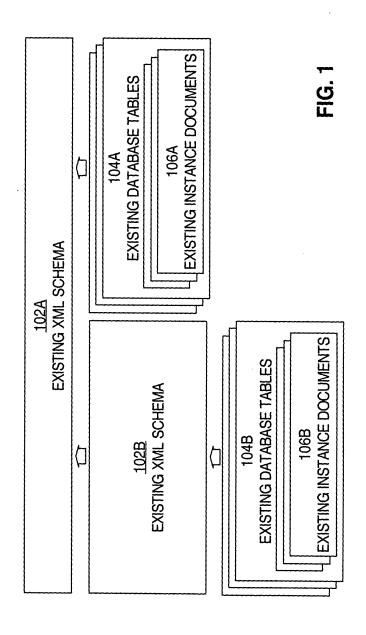
Title: Mechanism To Enable Evolving XML Schema Inventor(s): Sam Idicula, et al.

Date: August 25, 2003 Docket No: 50277-2238 Express Mail No. EV322192447US Sheet 1 of 6



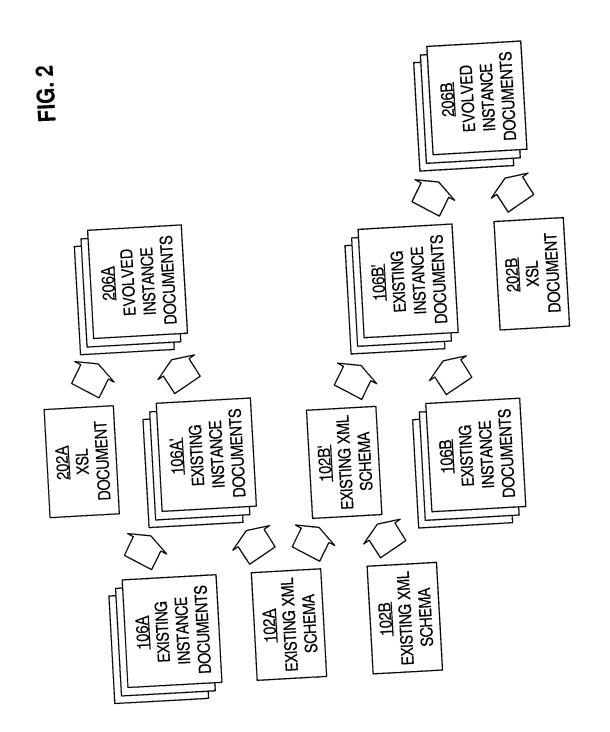
Mechanism To Enable Evolving XML Schema

Title: Inventor(s): Sam Idicula, et al.

Date: August 25, 2003 Docket No: 50277-2238

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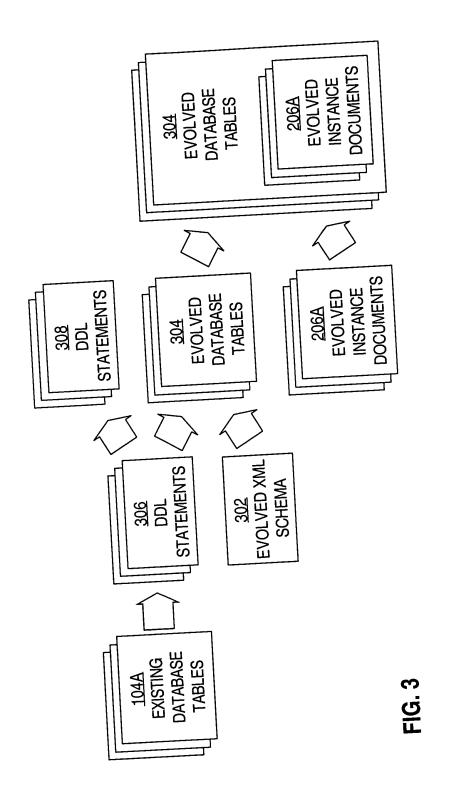


Mechanism To Enable Evolving XML Schema Title:

Inventor(s): Sam Idicula, et al.

Express Mail No. EV322192447US Date: August 25, 2003 Docket No: 50277-2238

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Title: Mechanism To Enable Evolving XML Schema

Inventor(s): Sam Idicula, et al.

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400~

402

RECEIVE IDENTITIES OF EXISTING XML SCHEMAS, IDENTITIES OF EVOLVED XML SCHEMAS, AND REFERENCES TO SETS OF TRANSFORMATIONS

404

IDENTIFY SUBORDINATE XML SCHEMAS

<u>.</u>

406

CHANGE SUBORDINATE XML SCHEMAS INTO NON-SUBORDINATE XML SCHEMAS

408

IDENTIFY CONTENT MANAGEMENT SYSTEM STRUCTURES THAT DEPEND ON THE EXISTING XML SCHEMAS

410

READ EXISTING INSTANCE DOCUMENTS FROM THE CONTENT MANAGEMENT SYSTEM STRUCTURES

412

GENERATE XML-SCHEMA-INDEPENDENT INSTANCE DOCUMENTS BASED ON THE EXISTING XML SCHEMAS AND THE EXISTING INSTANCE DOCUMENTS

414

GENERATE EVOLVED INSTANCE DOCUMENTS BASED ON THE XML-SCHEMA-INDEPENDENT INSTANCE DOCUMENTS AND THE SETS OF TRANSFORMATIONS

TO 416

FIG. 4A

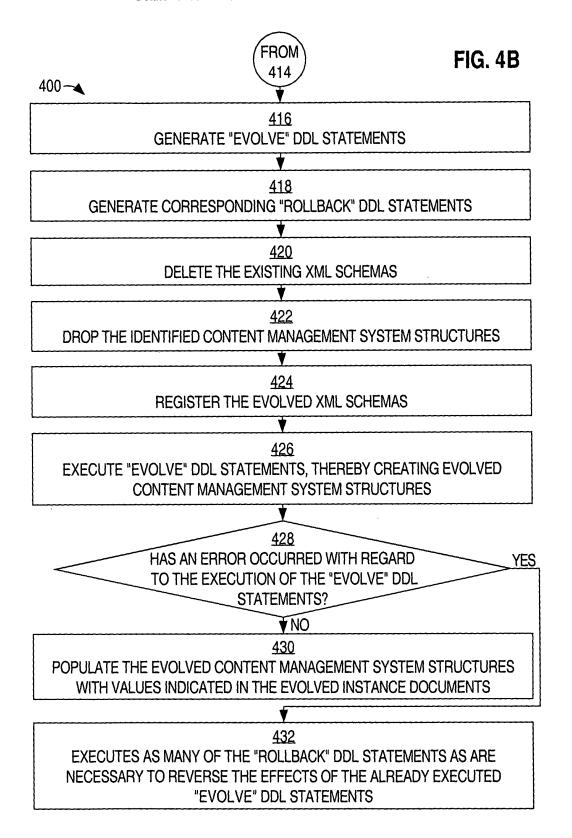
Title: Mechanism To Enable Evolving XML Schema

Inventor(s): Sam Idicula, et al. Date: August 25, 2003

Express Mail No. EV322192447US

Docket No: 50277-2238

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Title: Mechanism To Enable Evolving XML Schema Inventor(s): Sam Idicula, et al.

Date: August 25, 2003 Docket No: 50277-2238

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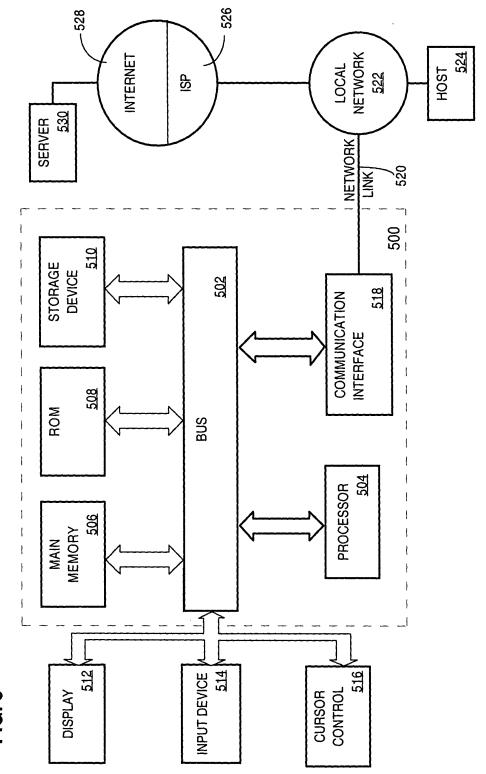


FIG. 5